

MONTHLY CALCULATED PARAMETER WORKSHEET - 2018

Parameter Code	Parameter Description & Data Source	Raw Data	Calculated Value																														
00011	Temperature, Effluent °F From Monthly Status Reports	Week 1 Average: <table border="1" style="display: inline-table; vertical-align: middle;"> <tr><td>54</td><td>°F</td></tr> <tr><td>58</td><td>°F</td></tr> <tr><td>64</td><td>°F</td></tr> <tr><td>65</td><td>°F</td></tr> <tr><td>64</td><td>°F</td></tr> </table> Week 2 Average: <table border="1" style="display: inline-table; vertical-align: middle;"> <tr><td>58</td><td>°F</td></tr> <tr><td>64</td><td>°F</td></tr> <tr><td>65</td><td>°F</td></tr> <tr><td>64</td><td>°F</td></tr> </table> Week 3 Average: <table border="1" style="display: inline-table; vertical-align: middle;"> <tr><td>64</td><td>°F</td></tr> <tr><td>65</td><td>°F</td></tr> <tr><td>64</td><td>°F</td></tr> </table> Week 4 Average: <table border="1" style="display: inline-table; vertical-align: middle;"> <tr><td>65</td><td>°F</td></tr> <tr><td>64</td><td>°F</td></tr> </table> Week 5 Average: <table border="1" style="display: inline-table; vertical-align: middle;"> <tr><td>64</td><td>°F</td></tr> </table>	54	°F	58	°F	64	°F	65	°F	64	°F	58	°F	64	°F	65	°F	64	°F	64	°F	65	°F	64	°F	65	°F	64	°F	64	°F	61 °F (= average of raw data) 68 °F Monthly Max (from Monthly Status Reports)
54	°F																																
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00145	BOD ₅ Results from Lab analysis Flow results from Parameter Code 50500 (Avg)	BOD ₅ <table border="1" style="display: inline-table; vertical-align: middle;"> <tr><td>6.6</td><td>mg/L</td></tr> <tr><td>0.2430752</td><td>MGD</td></tr> </table>	6.6	mg/L	0.2430752	MGD	13.37983131 lb/d (= concentration(mg/L) x flow(MGD) x 8.34)																										
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0.2430752	MGD																																
	Results from Lab analysis Flow results from Parameter Code 50500 (Max Daily)	BOD ₅ <table border="1" style="display: inline-table; vertical-align: middle;"> <tr><td>0007</td><td>mg/L</td></tr> <tr><td>0.400371</td><td>MGD</td></tr> </table>	0007	mg/L	0.400371	MGD	22.03802132 lb/d (= concentration(mg/L) x flow(MGD) x 8.34)																										
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00400	pH From Monthly Status Reports	Minimum <table border="1" style="display: inline-table; vertical-align: middle;"> <tr><td>8.1</td><td>SU</td></tr> <tr><td>8.7</td><td>SU</td></tr> </table>	8.1	SU	8.7	SU																											
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	Maximum																																

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Parameter Code	Parameter Description & Data Source	Raw Data	Calculated Value
00530	Total Suspended Solids		
	Results from Lab analysis	TSS	31 mg/L 0.2430752 MGD
	Flow results from Parameter Code 50500 (Avg)		62.84466221 lb/d (= concentration(mg/L) x flow(MGD) x 8.34)
	Results from Lab analysis	TSS	31 mg/L 0.400371 MGD
	Flow results from Parameter Code 50500 (Max Daily)		103.5119183 lb/d (= concentration(mg/L) x flow(MGD) x 8.34)
00610	Ammonia (as N)	NODI	
	Results from Lab analysis	Ammonia	0.47 mg/L 0.2430752 MGD
	Flow results from Parameter Code 50500		0.952806169 lb/d (= concentration(mg/L) x flow(MGD) x 8.34)
00630	Nitrite plus Nitrate		
	Results from Lab analysis	Nitrite	0.027 (a) mg/L 6.98 (b) mg/L
	Results from Lab analysis	Nitrate	
			7.007 mg/L (= a + b)
00745	Sulfide, total	NODI	
	Results from Lab analysis	Sulfide	mg/L 0.2430752 MGD
	Flow results from Parameter Code 50500 (Avg)		0 lb/d (= concentration(mg/L) x flow(MGD) x 8.34)
	Results from Lab analysis	Sulfide	mg/L 0.400371 MGD
	Flow results from Parameter Code 50500 (Max Daily)		#VALUE! lb/d (= concentration(mg/L) x flow(MGD) x 8.34)

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Parameter Code	Parameter Description & Data Source	Raw Data	Calculated Value
01034	Chromium, total	NODI	
	Results from Lab analysis	Chromium	9 mg/L
	Flow results from Parameter Code 50500 (Avg)	0.2430752 MGD	0 lb/d (= concentration(mg/L) x flow(MGD) x 8.34)
	Results from Lab analysis	Chromium	#VALUE! mg/L
	Flow results from Parameter Code 50500 (Max Daily)	0.400371 MGD	lb/d (= concentration(mg/L) x flow(MGD) x 8.34)
01034	Phenols	NODI	
	Results from Lab analysis	Phenolics	< 0.015 mg/L
	Flow results from Parameter Code 50500 (Avg)	0.2430752 MGD	0.030408708 lb/d (= concentration(mg/L) x flow(MGD) x 8.34)
	Results from Lab analysis	Phenolics	< 0.015 mg/L
	Flow results from Parameter Code 50500 (Max Daily)	0.400371 MGD	0.050086412 lb/d (= concentration(mg/L) x flow(MGD) x 8.34)
50050	Flow		
	From Monthly Status Reports	Week 1 Average:	209631 gal/d
		Week 2 Average:	236048 gal/d
		Week 3 Average:	244480 gal/d
		Week 4 Average:	234372 gal/d
		Week 5 Average:	290845 gal/d
			0.243 MGD (= average of raw data/1,000,000)
			0.400 MGD Monthly Max (from Monthly Status Reports)

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Parameter Code	Parameter Description & Data Source	Raw Data	Calculated Value
51040	e-Coli (April - Oct)	NODI	
	Results from Lab analysis	Week 1 Result: Week 2 Result: Week 3 Result: Week 4 Result: Week 5 Result:	CFU/100mL CFU/100mL CFU/100mL CFU/100mL CFU/100mL
			9
			#DIV/0!
			CFU/100mL (= average of raw data/1,000,000)
			CFU/100mL (= daily maximum of raw data/1,000,000)
81017	Chemical Oxygen Demand	NODI	
	Results from Lab analysis	COD	
	Flow results from Parameter Code 50500 (Avg)	282 mg/L 0.2430752 MGD	571.6837014 lb/d (= concentration(mg/L) x flow(MGD) x 8.34)
	Results from Lab analysis	COD	
	Flow results from Parameter Code 50500 (Max Daily)	282 mg/L 0.400371 MGD	941.6245475 lb/d (= concentration(mg/L) x flow(MGD) x 8.34)